OIPE JC176
MAY 3 1 2005
PATENT & TRADEMARK OFFICE

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	14	Andrews, T. et al., "Combining Language and Database Advances in an Object-Oriented Development Environment" , *OOPSLA Proceedings*, **October 4-8, 1987,** 430-440
	15	Beard, et al., "Multilevel and Graphical Views of Metadata", *Research and Technology Advances in Digital Libraries*, **1998,** 256-265,
	16	Beitner, N.D. et al., "Multimedia Support and Authoring in Microcosm: An Extended Model", *Department of Electronics and Computer Science*, University of Southampton, 12 pages
	17	Berg, C., How Do I Create Persistent Java Objects? *Dr. Dobb's Journal*, **1997,** 22(4), 98-101
	18	Bhattacharya, S. et al., "Coordinating Backup/Recovery and Data Consistency Between Database and File Systems", *International Conference on Management of Data and Symposium on Principles of Database Systems, Proceedings of the 2002 ACM SIGMOD International Conference on Management of Data,* **2002,** 500-511
	19	Biliris, A., "The Performance of Three Database Storage Structures for Managing Large Objects", *ACM SIGMOD*, **1992,** 276-285
	20	Booch, G. Benjamin/Cummings Publishing Co, "Object-Oriented Analysis and Design with Applications", **1994,** 155, 156, 179-183
	21	Bracchi et al., "Binary Logical Associations in Data Modelling", *Modelling in Data Base Management Systems G.M. Nijssen, (ed); North Holland Publishing Company*: **1976,** 125-147
	22	Buneman, P. et al., Inheritance and Persistence in Database Programming Languages, *ACM*, **1986,** 4-15
	23	Chien, A.A., "Concurrent Aggregates (CA) – Design and Experience with a Concurrent Object – Oriented Language Based on Aggregates", *J. Parallel and Distributed Computing*, **1995,** 25(2), 174-196
EXAMINER Jean M. Corrielus		**DATE CONSIDERED** 6/21/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	24	Chryssostomidis, Chryssosiomos, et al. "Geometric Modeling Issues in Computer Aided Design of Marine Structures", *MTS Journal*, 22(2) pp 15-33
	25	"Computervision Launches Design Automation Development Platform for Windows", *PR Newswire*, Financial News, **Jan. 10, 1995**
	26	Darby, C., "Object Serialization in Java 1.1. Making Objects Persistent, *WEB Techniques*, **1997**, 2(9), 55, 58-59
	27	"Developer's Guide to Apple Data Detectors-For Version 1.0.2", ©Apple Computer, Inc., **1997**, 1-34
	28	Dietrich, Walter C., Jr., et al., "TGMS: An Object-Oriented System for Programming Geometry", *Software-Practice and Experience*, **Oct 1989**, 19(10), 979-1013
	29	Dobashi, Y. et al, "Skylight for Interior Lighting Design", *Computer Graphics Forum*, **1994**, 13(3), C85-C96
	30	Dorsch, Jeff, "Accel Signs with IBM to Buy Altium PCB Unit-Accel Technologies Acquires the Assets to Altium's P-CAD Business Unit", *EDA Licensing, Electronic New*, **Jan.16, 1995**, 4 pages
	31	Fegaras, Leonidas, "Optimizing Object Queries Using an Effective Calculus", *ACM Transactions on Database Systems*, **Dec 2000**, 25(4), 457-516
	32	Findler, R.B. et al., Contract Soundness for Object-Oriented Languages ACM Conference on Object-Oriented Programming Systems, Languages, and Applications, *OOPSLA*, 2001, 15 pages
	33	Foley et al., Computer Graphics: Principles and Practices, Second Edition, Addison-Wesley Publishing Company, 1990, Ch. 5 and 9, pp. 201-283

EXAMINER Jean Corrielus	**DATE CONSIDERED** 6/21/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	34	Friis, A.-Christensen, et al."Geographic Data Modeling: Requirements and Research Issues in Geographic Data Modeling," **November 2001**, *Proceedings of the 9th ACM International Symposium on Advances in Geographic Information Systems*, 2-8
	35	Fuh, Y-C. et al, "Implementation of SQL3 Structured Types with Inheritance and Value Substitutability", *Digital Symposium Collection*, **2000**, Abstract only, 2 pages, www.acm.org/sigmod/disc/p_implementationoyostw.htm
	36	Garret, J.H., Jr. et al, "An Object Oriented Environment for Representing Building Design and Construction Data", *Advanced Construction Technology Center*, **June 1989**, Document No. 89-37-04, 1-34
	37	Godoy Simões, M. et al, "A RISC-Microcontroller Based Photovoltaic System for Illumination Applications", *APEC 2000. Fifteenth Annual IEEE Applied Power Electronics Conference and Exposition*, **February 6-10, 2000**, 2, 1151-1156
	38	Goscinski, A. "Distributed Operating Systems The Logical Design", *Addison-Wesley*, **1991**, 306-313
	39	Harrison, C.J. et al., "Structure Editors: User-Defined Type Values and Type Inference", *IEEE*, **2000**, 241-247
	40	Haverlock, K., "Object Serialization, Java, and C++", *Dr. Dobb's Journal*, **1998**, 23(8), 32, 34, 36-37
	41	Hay, David C, "Data Model Patterns: Convention of Thought", (Dorset House Publishing, New York, NY **1996**, 47-67, 235-259
	42	Hernandez, M.A. et al, "The Merge/Purge Problem for Large Databases, International Conference on Management of Data and Symposium on Principles of Database Systems", *Proceedings of the 1995 ACM SIGMOD International Conference on Management of Data*, **1995**, 127-138
	43	Hsiao, H.I. et al., "DLFM: A Transactional Resource Manager", *SIGMOD, Proceedings of the 2000 ACM SIGMOD International Conference on Management of Data*, **2000**, 518-528 .

EXAMINER Jean M. Corrielus	**DATE CONSIDERED** 6/21/06

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	44	Kaneko, K, et al, "Design of 3D CG Data Model of Move Animation Database System", *Advanced Database Research and Development Series, vol. 3, Proceedings of the Second Far-East Workshop On Future Database Systems*, **1992**, 364-372
	45	Kaneko, K. et al., Towards Dynamics Animation on Object-Oriented Animation Database System Move", *Advanced Database Research and Development Series*, vol. 4, *Database Systems for Advanced Applications* **1993**, 3-10
	46	Katz, R.H., "Toward a Unified Framework for Version Modeling in Engineering Databases", *ACM Computing Surveys*, **1990**, 22(4), 375-408
	47	Kawabe, S. et al, "A Framework for 3D Modeling Constraint-Based Description and Non-Manifold Geometric Modeling", *A Collection of Contributions based on Lectures Presented at the 2d Toyota Conference, Organization of Engineering Knowledge for Product Modelling in Computer Integrated Manufacturing*, Japan, Oct. 2-5, **1988**, 325-357
	48	Kempfer, L., "CAD Jumps on Windows 3.1 Bandwagon", *Computer Aided Engineering*, **1993**, 24-25
	49	Khan, L. et al, "A Performance Evaluation of Storing XML Data in Relational Database Management Systems, *WIDM*, **2001**, 31-38
	50	Khoshafian, S. et al, "Object Identify", *OOPSLA'86*, **1986**, 21, 406-416
	51	Kiesling, R., "ODBC in UNIX Environments", *Dr. Dobb's Journal*, **December 2002**, 27(12), 16-22
	52	King et al, "TriStarp- An Investigation into the Implementation and Exploitation of Binary Relational Storage Structures", *Proc. 8.sup.th BNCOD(British National Conference On Data Bases)*, pp. 64-84 (**York 1990**).
	53	Krouse, J.K., "Geometric Models for CAD/CAM", *Machine Design*, **July 24, 1990**, 99-105
	54	LeBlanc, Andrew R., et al, "Design Data Storage and Extraction Using Objects", *Concurrent Engineering: Research and Applications*, **1993**, 1, 31-38

EXAMINER Jean Corrêa	**DATE CONSIDERED** 7/22/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	55	Leontiev, Y. et al, "On Type Systems for Object-Oriented Database Programming Languages", *ACM Computing Surveys*, **December 2002**, 34(4), 409-449
	56	Lim, J.B. et al, "Transaction Processing in Mobile, Heterogeneous Database Systems", *IEEE Trans. on Knowledge and Data Engineering*, **2002**,14(6), 1330-1346
	57	Mallet, S. et al., "Myrtle: A Set-Oriented Meta-Interpreter Driven by a Relational Trace for Deductive Databases Debugging", *Lecture Notes in Computer Science*, **1999**, 1559, 328-330
	58	Mariani, J. A., Oggetto: "An Object Oriented Database Layered on a Triple Store", *The Computer Journal* , **1992**, 35(2),108-118
	59	McMahon, L.E, "SED-A Non-Interactive Text Editor", Bell Laboratories, **August 15, 1978**, 10 pages
	60	"Mechanical Design Software (Buyers Guide)", *Computer-Aided Engineering*, **Dec 1993**, 12(12), 32-36
	61	Melton, J. et al, "SQL and Management of External Data", *SIGMOD Record*, **March 2001**, 30(1), 70-77
	62	Mitchell, W.J., "The Logic of Architecture", *Massachusetts Institute of Technology*, **1990**, 139-143
	63	Navathe, S.B., "Evolution of Data Modeling for Databases," *Communications of the ACM*, **September 1992**, 35(9), 112-123
	64	Nelson, M. et al, "Generic Support for Caching and Disconnected Operation", *4th Workshop on Workstation Operating Systems*, **Oct 1993**, 61-65

EXAMINER Jean M. Corrielus	**DATE CONSIDERED** 6/21/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	65	Nijssen, G.M. et al., "Conceptual Schema and Relational Database Design, A Fact Oriented Approach", *Department of Computer Science, University of Queensland, Prentice Hall,* 10-33, 42-43, 48-51, 156-170
	66	Oracle 9i SQL Reference, Release 2 (9.2), **March 2002,** 13-89 to 13-90
	67	Orenstein, J, et al, "Query Processing in the Object Store Database System", *ACM SIGMOD International Conference on Management of Data*, **June 1992,** 21(2),403-412
	68	Ottogalli, F.G. et al., "Visualisation of Distributed Applications for Performance Debugging" , *Lecture Notes in Computer Science*, **January 2001,** 2074, 831-840
	69	Pachet, et al, "A Combinatorial Approach to Content-Based Music Selection", *Multimedia Computing and Systems*, **Jun 7, 1999,** 457-462
	70	Papiani, M. et al, "A Distributed Scientific Data Archive Using the Web, XML and SQL/MED", *SIGMOD Record*, **September 1999,** 28(3), 56-62
	71	Powell, M., "Object, References, Identifiers, and Equality White Paper", **(Jul. 2, 1993),** *OMG TC Document 93.7.5,* 1-24
	72	Prosise, J., "2-D Drafting: Why Pay More?", *PC Magazine: The Independent Guide to IBM-Standard Personal Computing,* **1993,** 12(4), 255-289
	73	Reiner, A. et al., "Benefits of X-based Three-Tier Client/Server Model with ESRI Applications", *Virtual Solutions*, **1995,** 9 pages
	74	Read, III, B.C., "Developing the Next Generation Cockpit Display System", *IEEE Aerospace and Electronics Systems Magazine,* **1996,** 11(10), 25-28

EXAMINER Jean M. Corrielus	**DATE CONSIDERED** 6/21/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	75	Rouse, N.E., "CAD Pioneers are Still Trailblazing" , *Machine Design*, **Oct. 22, 1987,** 59(25),117-122
	76	Roussopoulos, N. et al., "Using Semantic Networks for Data Base Management", *Proceedings of the 1st Supplemental VLDB Conference,* **1975,** 144-172
	77	Santos, J.L.T. et al., "Computer Aided Mechanical Engineering Design Environment for Concurrent Design Process", *Proceedings of the 1993 ITEC Workshop on Concurrent Engineering,* **May 4-6, 1993,** Simulation in Concurrent Engineering, 71-83
	78	Seshadri, P., "Enhanced Abstract Data Types in Object-Relational Databases", *The VLDB Journal, The International Journal on Very Large Databases,* **1998,** 7, 130-140
	79	Simon, A.R., *Strategic Database Technology: Management for the Year 2000,* **1995,** pp 6-9, 14-17, 55-57, Morgan Kaufmann Publishers
	80	Sreenath, N., "A Hybrid Computation Environment for Multibody Simulation", *Mathematics and Computers in Simulation,* **1992,** 121-140
	81	Singhal, A. et al., "DDB: An Object Design Data Manager for VLSI CAD", *Association for Computer Machinery,* **1993,** 467-470
	82	Stevens, T., "Value in 3-D", *Industry Week,* **January 8, 1995,** 45-46
	83	Stonebraker, M., "The Case for Partial Indexes", *SIGMOD Record,* **1989,** 18(4), 4-9
	84	Strickland, T.M., "Intersection of Relational and Object", *Proceedings of the AM/FM International Conference XVII,* **March 14-17, 1994,** 69-75

EXAMINER Jean M. Corrielus	**DATE CONSIDERED** 6/22/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	85	Sutherland, J. et al., "The Hybrid Object-Relational Architecture (HORA), An Integration of Object-Oriented and Relational Technology", *Applied Computing: States of the Art and Practice,* **1993,** 326-333
	86	Suzuki, H. et al., "Geometric Modeling for Modeling Products", *Proceedings of the Third international Conference on Engineering Graphics and Descriptive Geometry,* **July 11-16, 1988,** Vienna Austria, 2, 237-243
	87	Sreekanth, U. et al., "A Specification Environment for Configuring a Discrete-Part Manufacturing System Simulation Infrastructure", *International Conference on Systems, Man and Cybernetics,* **October 17-20, 1993,** 1, 349-354
	88	Taylor, R.H. et al., "An Integrated Robot System Architecture", *Proceedings of the IEEE,* **July 1983,** 71(7), 842-856
	89	Varlamis I. et al., "Bridging XML-Schema and Relational Databases. A System for generating and Manipulating Relational Databases using Valid XML Documents", *DocEng' Ol,* **November 9-10, 2001**
	90	Wilcox, J., "Object Databases-Object Methods in Distributed Computing", *Dr. Dobbs Journal,* **November 1994,** 19(13), 26-34
	91	Watanabe, S., "Knowledge Integration for Architectural Design", *Knowledge-Based Computer-Aided Architectural Design,* **1994,** 123-146
	92	Waugh, A., "Specifying Metadata Standards for Metadata Tool Configuration", *Computer Networks and ISDN Systems,* **1998,** 30, 23-32
	93	Wold, E. et al., "Content-Based Classification, Search, and Retrieval of Audio", *IEEE Multimedia, IEEE Computer Society,* **1996,** 3, 27-36
	94	Yoshikawa, M. et al., "XRel: A Path-Based Approach to Storage and Retrieval of XML Documents Using Relational Databases", *ACM Transactional on Internet technology,* **August 2001,** 1(1), 110-141

EXAMINER Joan M. Corrie	**DATE CONSIDERED** 6/21/05

© 2005 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. **MSFT-2734/305604.01**	Application No. **10/646,646**
	Applicant **Quentin J. Clark, et al.**	
	Filing Date **August 21, 2003**	Group **2162**
	Confirmation No. **9792**	

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	95	6,772,178 B2	08/03/04	Mandal. et al.	707	204
	96	2002/0152422 A1	10/17/02	Shrama, et al.	714	13

Examiner Initial		Document No.	Date	Country	Translation YES	Translation NO

EXAMINER Jean Corrielus **DATE CONSIDERED** 6/21/05

© 2005 WW